

METHODOLOGY:

Qualitative, Attitudinal,
Case Study

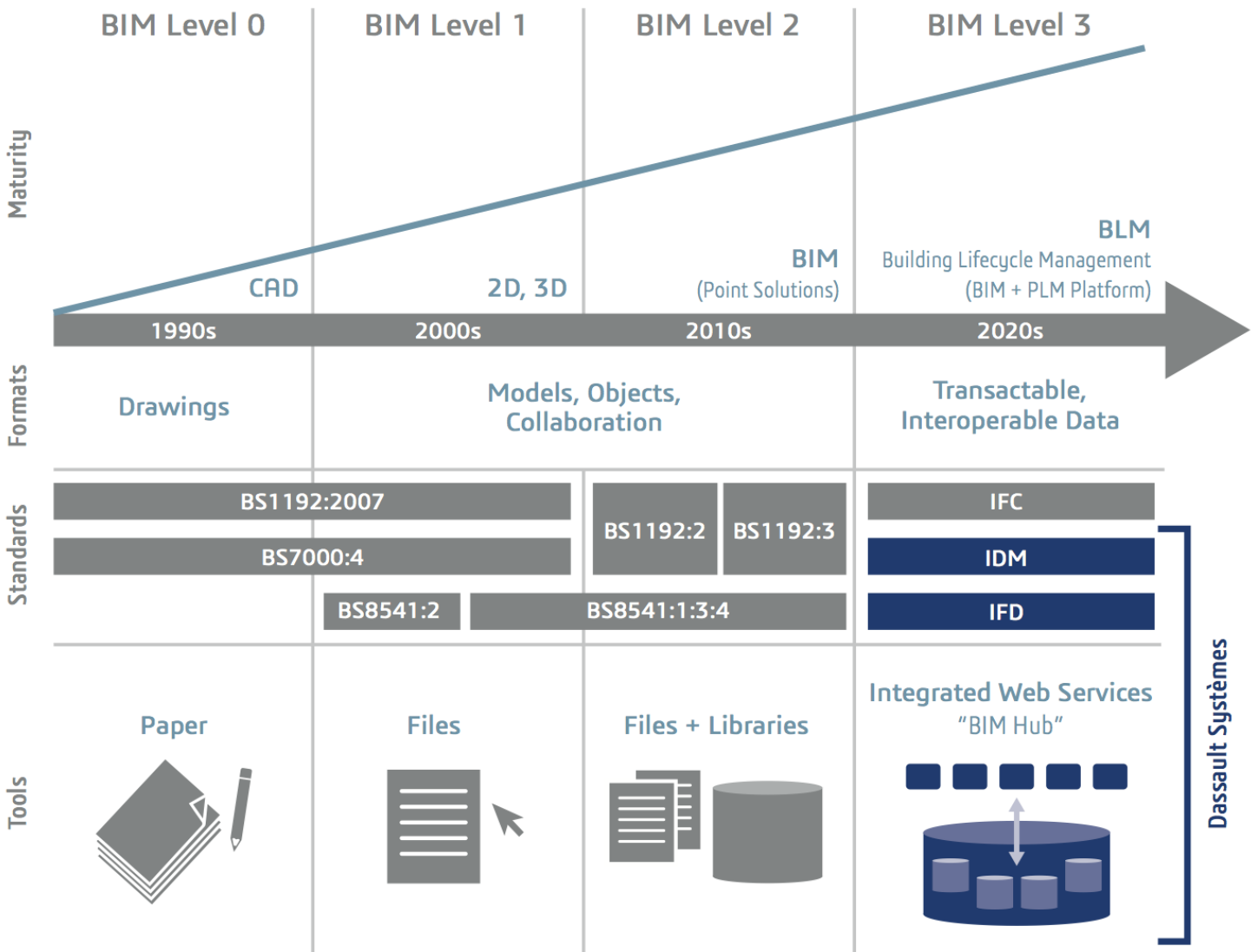
DATA COLLECTION:
All data will be collected through research and interviews with experts in this area of construction.

KYLE BRESNAHAN
CALIFORNIA POLYTECHNIC STATE UNIVERSITY

OUTSOURCING VDC WORKFLOWS

In an increasingly demanding world for infrastructure, technological methods have been found to assist a project's complexity issues. As innovative construction methods are constantly increasing, so does the demand for technological needs within the architecture, engineering, and construction (AEC) industry. To ensure technological adoption, many countries have already gone to the extent of mandating higher levels of building information modeling (BIM) documentation beyond the 2D construction documents traditionally used. Some companies have capitalized on this change to the extent of making BIM their primary scope. Having companies that focus solely on virtual design and construction (VDC) gauges whether companies lacking this specialty should outsource their technological needs or invest in their own VDC department. Through attitudinal research, three interviews were conducted to understand contractors' response to the implementation of a platform that links contractors to freelance modelers specializing in VDC. This research aims to better understand if the use of a third-party platform is effective for contractors that are unwilling to adapt to mandated BIM requirements.

Keywords: Outsourcing, VDC, Freelancers, Construction, Model-based



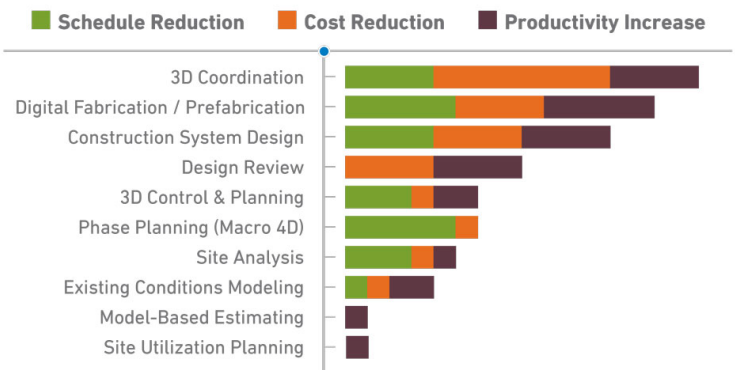
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QUALITY

DELIVERING AN
EXCEPTIONAL
EXPERIENCE

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